

CLAIMS

1. A medical cockpit system in which a clinic and a medical cockpit are connected to each other through a network, said clinic comprises measurement information obtaining means for obtaining measurement information such as electrocardiogram information of a patient, clinic camera means for shooting a state in said clinic including at least a medical procedure table, clinic voice information obtaining means for obtaining voice in said clinic, physical information camera means for shooting a body including an affected part of said patient, and medical procedure means for carrying out medical procedure for said patient by remote control, and said medical cockpit comprises monitor means for outputting video from said measurement information obtaining means, said clinic camera means and said physical information camera means, voice reproducing means for reproducing voice information from said clinic voice information obtaining means, and an operating section for remote controlling said medical procedure means, wherein said monitor means comprises first monitor means disposed at a predetermined distance from an operator who operates said operating section, and second monitor means disposed around hands of said operator, said first monitor means outputs a peripheral vision video in said clinic shot by said clinic video means and outputs a plurality of local videos in said clinic as catalog screens such that said local videos are partially overlapped on said peripheral vision video, and said second monitor means outputs measurement information obtained by said measurement information obtaining means or video from said physical information camera means.

2. The medical cockpit system according to claim 1, further comprising database means in which previously obtained physical data of said patient or data peculiar to said patient is accumulated, wherein data accumulated in said database means is sent together with said information in said clinic.

3. The medical cockpit system according to claim 1, further comprising sending means which sends said information sent from said clinic not only to said medical cockpit but also to another cockpit.

4. The medical cockpit system according to claim 1, wherein said physical information camera means comprises a plurality of camera apparatuses which shoot said affected part from a plurality of directions.

5. The medical cockpit system according to claim 1, wherein said first monitor means is disposed such that a viewing angle in said horizontal direction at a position of said operator who operates said operating section is in a range of 120° to 330°.

6. The medical cockpit system according to claim 1, wherein said second monitor means comprises a main monitor and an auxiliary monitor, said main monitor outputs said measurement information obtained by said measurement information obtaining means or said video from said physical information camera means, and said auxiliary monitor selectively switches and outputs catalog screens outputted on said first monitor means.

7. The medical cockpit system according to claim 1, wherein said second monitor means comprises a plurality of monitors, at least one of said monitors does not switch videos during operation of said medical procedure system.

8. The medical cockpit system according to claim 6 or 7, wherein said auxiliary monitor switches said catalog screens by detecting voice, motion and countenance of said operator.

9. The medical cockpit system according to claim 6 or 7, wherein said auxiliary monitor switches said catalog screens using a foot switch.

10. The medical cockpit system according to claim 1, wherein said medical cockpit comprises cockpit camera means for shooting motion or countenance of said operator, and cockpit voice information obtaining means for obtaining voice of said operator, video shot by said cockpit camera means and voice obtained by said cockpit voice information obtaining means are sent to said clinic through said network.

11. The medical cockpit system according to claim 1, wherein said clinic voice information obtaining means is a microphone held by a staff in said clinic.

12. The medical cockpit system according to claim 1, wherein said clinic voice information obtaining means is a microphone which captures sound in said vicinity of said affected part of

said patient and breathing sound of said patient.

13. The medical cockpit system according to claim 1, wherein said catalog screen in said first monitor means is disposed in a video position on which video contents outputted on said catalog screen is outputted, of videos outputted by said peripheral vision video.

14. The medical cockpit system according to claim 1, wherein said local video outputted on said catalog screen of said first monitor means is video information which is intermittently received.

15. The medical cockpit system according to claim 1, wherein said voice reproducing means is a multi-speaker system, said voice is reproduced in a stereophonic manner such that said voice can be heard at a position of said operator in said medical cockpit in said same direction or at said same distance as that of said voice heard at an original position of said operator in said clinic.

16. The medical cockpit system according to claim 1, wherein said voice reproducing means is a multi-speaker system, when voice is generated from a peripheral vision video outputted by said monitor means or from video outputted by said local video, said voice is reproduced in a stereophonic manner so that said voice can be heard in correspondence with said position of said video.

17. The medical cockpit system according to claim 2, wherein data stored in said database means is superposed on video of said physical information camera means in a transparent manner, or displayed adjacent to said video of said physical information camera means.

18. A clinic connected to a medical cockpit through a network, comprising measurement information obtaining means for obtaining measurement information such as electrocardiogram information of a patient, clinic camera means for shooting a state in said clinic including at least a medical procedure table, clinic voice information obtaining means for obtaining voice in said clinic, physical information camera means for shooting a body including an affected part of said patient, and medical procedure means for carrying out medical procedure for said patient by remote control, and a monitor for reproducing video and voice of said operator, wherein information from said measurement information obtaining means, said clinic camera means, said clinic voice information obtaining means and said physical information camera means is sent to said medical cockpit, video and voice information of said operator from said medical cockpit is received, and said medical procedure means is allowed to be operated based on said information from said medical cockpit.

19. A medical cockpit connected to a clinic through a network, comprising monitor means for outputting video of said clinic, voice reproducing means for reproducing voice in said clinic, an operating section for remote controlling medical procedure means of said clinic, cockpit camera means for shooting motion

and countenance of an operator, and cockpit voice information obtaining means for obtaining voice of said operator, wherein video outputted by said monitor means and voice reproduced by said voice reproducing means are received from said clinic, and information from said operating section, said cockpit camera means and said cockpit voice information obtaining means is sent to said clinic.

20. The medical cockpit according to claim 19, wherein said monitor means comprises first monitor means disposed at a predetermined distance from an operator who operates said operating section, and second monitor means disposed around hands of said operator, said first monitor means outputs a peripheral vision video in said clinic shot by said clinic video means and outputs a plurality of local videos in said clinic as catalog screens such that said local videos are partially overlapped on said peripheral vision video.

21. The medical cockpit according to claim 20, wherein said catalog screen in said first monitor means is disposed in a video position on which video contents outputted on said catalog screen is outputted, of videos outputted by said peripheral vision video.

22. The medical cockpit according to claim 20, wherein said second monitor means comprises a main monitor and an auxiliary monitor, said main monitor outputs measurement information obtained by said measurement information obtaining means or video from said physical information camera means.

23. The medical cockpit according to claim 20, wherein said second monitor means comprises a main monitor and an auxiliary monitor, said auxiliary monitor selectively switches and outputs catalog screens outputted on said first monitor means.

24. The medical cockpit according to claim 19, wherein said medical cockpit is connected to a plurality of clinics, said monitor means comprises first monitor means disposed at a predetermined distance from an operator who operates said operating section, and second monitor means disposed around hands of said operator, and information from said operating section is sent to said clinic of said video outputted by said second monitor means.